

USAF Declass/Release Instructions On File

BEST COPY

AVAILABLE

TABLE OF CONTENTS

SUMMARY

VOLUME I

COMMAND AND ORGANIZATION

CHAPTER		Page
I	<u>COMMAND RELATIONSHIPS</u>	1
Section		
1	<u>THEATER MISSION & ORGANIZATION</u>	3
	<u>Mission of the Far East Command on</u> <u>28 June 1960</u>	3
	<u>Jointly Agreed Concept of "Unified</u> <u>Command"</u>	4
	<u>Organization of Far East Command</u>	5
	<u>Organization of GEF, Far East Command</u>	6
	<u>Organization of Army Forces</u>	7
	<u>Organization of Naval Forces</u>	7
	<u>Organization of Far East Air Forces</u>	7
Section		
2	<u>FEAF MISSION AS OF 28 JUNE 1960</u>	8
Section		
3	<u>EXERCISE OF COMMAND THROUGH "COORDINATION</u> <u>CONTROL"</u>	10
	<u>Basic Policy Directives</u>	11
	<u>GEF Basic Policy Directive of 8 July</u> <u>1960</u>	12
	<u>Annexes E and F to CINCPAC O.O.1,</u> <u>30 Aug 60</u>	22
	<u>Annexes E and F to CINCPAC O.O.2,</u> <u>1 Oct 60</u>	25
CHAPTER		
II	<u>COMMAND USE OF FORCES AVAILABLE</u>	33
Section		
1	<u>RECAPITULATION OF FORCES AVAILABLE</u>	40
	<u>Major Ground Combat Units</u>	41

SECRET

4

REF ID: A66666
2000-04

SECRET

Section 1	<u>ROK Forces</u>	41
	<u>Naval Forces in Far Eastern Waters</u>	42
	<u>FRAP Major Units</u>	43
Section 2	<u>THEATRE POLICY GOVERNING EMPLOYMENT OF AIR POWER OVER KOREA</u>	44
Section 3	<u>INITIAL POLICY GOVERNING THE EMPLOYMENT OF AIR POWER IN THE TACTICAL SUPPORT ROLE</u>	45
Section 4	<u>APPROVAL OF FRAP INTERDICTION PLAN</u>	46
Section 5	<u>POLICY GOVERNING EMPLOYMENT OF NAVAL AVIATION</u>	47
Section 6	<u>CARPET BOMBING BY FRAP BOMBER COMMAND</u>	48
Section 7	<u>RECAPITULATION OF AIR EFFORT, 25 JUNE - 30 SEPTEMBER</u>	49
Section 8	<u>EXPLOITATION AND PURSUIT</u>	50
Section 9	<u>COMMITMENT OF CHINESE COMMUNIST FORCES</u>	51
CHAPTER III	<u>AIR FORCE COORDINATION WITH OTHER SERVICES</u>	52
Section 1	<u>COORDINATION AMONG THE MAJOR SERVICES AT THE TOP POLICY-MAKING LEVEL IN TOKYO</u>	53
Section 2	<u>COORDINATION AMONG THE MAJOR FIELD HEADQUARTERS</u>	54
	<u>Coordination between HQUAF and Headquarters, Fifth Air Force</u>	55
	<u>Coordination between Seventh Fleet and Headquarters, Fifth Air Force in Korea</u>	56
	<u>Coordination between Headquarters, I Corps, and Headquarters, Fifth Air Force in Korea</u>	57

SECRET

Section 2	Coordination of FMAP Bomber Command Operations with those of Fifth Air Force and FMAP Combat Group	59
	Coordination of FMAP Combat Group Operations	60

VOLUME II

THE AIR-GROUND TEAM

CHAPTER I	<u>THE AIR-GROUND TEAM</u>	1
Section 1	PROVISIONS FOR JOINT ACTION WITHIN VARIOUS HEADQUARTERS	1
	Headquarters, Far East Air Forces	1
	Headquarters, Fifth Air Force and Headquarters, Eighth Army	2
	Lack of X Corps Representation in JOC	3
Section 2	THE TACTICAL CONTROL SYSTEM	7
	Concepts and Procedures of the Control System in Korea	7
	Supervision of the Control System	11
	Employment of Radar	12
	Employment of Shoran	14
	Employment of D/F Nets	16
	Tactical Air Control Parties	16
	Tactical Air Coordinators (Airborne)	21
	Maps	23
Section 3	THE AIR-GROUND OPERATIONS SYSTEM	25
	Development of the System in Korea	25
	Signal Company, Air-Ground Liaison	24
	Ground Liaison Officers	25
	Army Photo Interpretation Center	26

SECRET

Section			
1	South East	South East	26
		Identification Panels	26

CHAPTER
II THE AIR COMMUNICATIONS SYSTEM..... 27

Section
1 STATUS AT BEGINNING OF HOSTILITIES..... 27

Section
2 POINT-TO-POINT COMMUNICATIONS..... 28

Personnel and Equipment..... 29

Security..... 29

SCANNAP Units..... 30

G-2 Air and G-3 Air Nets..... 30

Communications with Task Force 77..... 31

Section
3 AIR-GROUND COMMUNICATIONS..... 32

Tactical Air Direction Net..... 32

Tactical Air Observation Net..... 33

CHAPTER
III CONCLUSIONS AND RECOMMENDATIONS..... 34

Section
1 CONCLUSIONS..... 34

Section
2 RECOMMENDATIONS..... 34

VOLUME III

OPERATIONS AND TACTICS

CHAPTER
I PRIMARY OFFENSIVE ROLES OF TACTICAL AIR FORCE..... 1

Section
1 AIR SUPERIORITY..... 2

Effects upon the Air Force..... 2

Effects of Air Superiority upon Ground Forces..... 4

Effects of Air Superiority upon the Navy..... 6

Challenge to Air Superiority..... 6

SECRET

7

SECRET

Part I	1	INTRODUCTION.....	7
		<u>Planned Interdiction</u>	9
		<u>Night Interdiction</u>	11
Section 2		<u>Close Support</u>	13
		<u>Lack of Air-Ground Operations System</u>	14
		<u>Volume of Close Support Furnished</u>	15
		<u>Operational Control of Close Support Aircraft</u>	17
		<u>Comparison of Marine and Air Force Close Support</u>	20
		<u>Joint Training</u>	21
		<u>Close Support "Carpet Bombing"</u>	22
		<u>Psychological Implications of Close Support</u>	23
CHAPTER II		<u>ROLES, TACTICS AND EFFECTIVENESS OF AIRCRAFT</u>	24
Section 1		<u>F-81 and F-80 AIRCRAFT</u>	24
		<u>Role</u>	27
		<u>Tactics</u>	28
		<u>F-81 and F-80 Characteristics</u>	32
		<u>Aircraft Vulnerability</u>	35
		<u>Maintenance</u>	36
		<u>Summary</u>	37
		<u>Conclusions</u>	38
Section 2		<u>F-84 AIRCRAFT</u>	39
		<u>Tactics</u>	40
		<u>Equipment and Maintenance</u>	42
		<u>Conclusions and Recommendations</u>	45
Section 3		<u>F-86 AIRCRAFT</u>	45
		<u>Tactics</u>	46

SECRET

Section			
3 "cont'd"	<u>P-28 vs F-105</u>	49	
	<u>Conclusions</u>	50	
Section			
4	<u>B-24 AIRCRAFT</u>	51	
	<u>Function</u>	52	
	<u>Utilization</u>	53	
	<u>Conclusions</u>	57	
Section			
5	<u>B-29 AIRCRAFT</u>	57	
	<u>Roles</u>	59	
	<u>Strategic Role</u>	60	
	<u>Interdiction Role</u>	61	
	<u>Night Intruder</u>	62	
	<u>Close Support</u>	63	
	<u>Leaflet Dropping</u>	63	
	<u>Utilization Rates</u>	63	
	<u>Conclusions and Recommendations</u>	69	
Section			
6	<u>CARGO AIRCRAFT</u>	70	
	<u>Planning and Utilization</u>	71	
	<u>Extraneous Factors Influencing Effectiveness</u>	72	
	<u>C-119 Aircraft</u>	74	
	<u>Conclusions and Recommendations</u>	76	
Section			
7	<u>NIGHT INTRUDER OPERATIONS</u>	77	
	<u>Conclusions and Recommendations</u>	82	
Section			
8	<u>SEARCH AND RESCUE</u>	82	
	<u>Organization</u>	83	
	<u>Communications</u>	84	
	<u>Medical Evacuation by H-3 Helicopter</u>	85	
	<u>Conclusions</u>	87	

SECRET

4

CHAPTER

III

THE FAR EAST AIR FORCES RECONNAISSANCE
OPERATIONS

		88
Section 1	EVALUATION.....	89
	<u>Employment of Strategic Reconnaissance Aviation.....</u>	89
	<u>Employment of Tactical Reconnaissance Aviation.....</u>	100
	<u>Management of Reconnaissance Operations in PRAC.....</u>	108
Section 2	FINDINGS.....	104
	<u>RF-80 Not a Suitable Reconnaissance Aircraft.....</u>	104
	<u>RB-26 is Suitable for Night Reconnaissance in Korea.....</u>	104
	<u>Combat Testing of Experimental Equipment.....</u>	106
	<u>Reconnaissance Aviation in the Chain of Command.....</u>	109
	<u>Background Information for Photo Interpreters.....</u>	110
	<u>Centralized Control of Air Photo Reconnaissance.....</u>	111
	<u>Cartographic Photography.....</u>	112
	<u>Day Reconnaissance Aircraft.....</u>	113
	<u>The Staff Reconnaissance Officer.....</u>	113
	<u>Quantity Production of Air Photos.....</u>	113
Section 3	NOTES ON OPERATIONS.....	114
	<u>Strategic Reconnaissance.....</u>	114
	<u>Strategic Radar Reconnaissance.....</u>	115
	<u>Strategic Night Photo Reconnaissance.....</u>	115
	<u>Tactical Reconnaissance.....</u>	116
	<u>Tactical Photo Reconnaissance.....</u>	117
	<u>Tactical Visual Reconnaissance.....</u>	120
	<u>Mapping.....</u>	125

SECRET

CHAPTER

IV

	<u>EFFECTS OF WEATHER ON AIR OPERATIONS IN KOREA...</u>	127
Section 1	SEASONAL CHARACTERISTICS.....	127
Section 2	FORECASTING.....	128
Section 3	COMMUNICATIONS.....	131
Section 4	INFLUENCE OF WEATHER ON OPERATIONS.....	131
Section 5	CONCLUSIONS.....	133

VOLUME IV

TARGET SELECTION AND INTELLIGENCE

CHAPTER

I

	<u>AIR TARGET SELECTION IN THE FAR EAST</u>	
	<u>COMMAND.....</u>	1
	INITIAL PERIOD.....	1
	SECOND PERIOD.....	2
	<u>Strategic targets.....</u>	3
	<u>Interdiction targets.....</u>	3
	<u>SEA Interdiction targets.....</u>	4
	<u>PRAF Interdiction targets.....</u>	8
	<u>Close Support targets.....</u>	10

CHAPTER

II

	<u>CERTAIN ASPECTS OF INTELLIGENCE IN THE</u>	
	<u>FAR EAST AIR FORCES.....</u>	13

VOLUME V

PSYCHOLOGICAL EFFECTS OF AIR ACTIVITY IN KOREA

CHAPTER

I

	<u>WHAT PSYCHOLOGICAL EFFECTS DID WE HAVE</u>	
	<u>TO ACHIEVE?.....</u>	1
	<u>Civilian Morale and World Public Opinion.....</u>	2

SECRET

CHAPTER		
I	<u>Troop Morale</u>	3
	<u>Air Force Role in Psychological Warfare</u>	4
	<u>Psychological Effect a Secondary Consideration</u>	5
CHAPTER		
II	REACTIONS OF NORTH KOREAN LEADERS TO AIR ATTACK	7
	<u>Official North Korean View of Air Attack</u>	7
	<u>Actual Belief in United Nations Humanitarianism</u>	8
	<u>Communist Difficulties in Explaining Lack of Air Support</u>	10
	<u>Human Suffering Not Important to Communists</u>	12
CHAPTER		
III	PSYCHOLOGICAL EFFECTS OF AIR ATTACK ON ENEMY GROUND FORCES	15
	<u>Fear of Aerial Weapons</u>	15
	<u>The Effects of Fear</u>	17
	<u>Disorganization</u>	19
	<u>Desertion</u>	20
	<u>Disruption of Training and Staff Work</u>	21
	<u>Air Activity Forces Changes in Tactics</u>	23
	<u>Changes in Troop Dispositions</u>	24
	<u>Inhibition of Enemy Ground Fire</u>	26
	<u>Rumors and Beliefs Concerning Air Activity</u>	27
	<u>Effect of Repeated Air Attacks on Will to Fight</u>	29
	<u>Psychological Effects Limited to Only a Part of Enemy Troops</u>	32
	<u>Experience of Chinese Troops Similar to North Koreans</u>	34
	<u>Psychological Effects Largely Unanticipated</u>	37

SECRET

12

CHAPTER

IV

EFFECTS OF AIR ACTIVITY ON KOREAN CIVILIANS..... 59

The Effects of Air Support on Korean Leaders..... 59

Sources of Information on South Korean Reactions..... 61

The Role of Airpower in Relief in Vietnam..... 64

Recklessness Caused by Air Attack..... 66

Air Force Attacks only Military Targets... 68

Accuracy..... 68

Air Attack as an Aid to Liberation..... 64

Air Power as an Aid to Resistance..... 68

Death in Air Raid Preferred to Being Shot by Police..... 67

Warnings of Impending Air Attack..... 68

Relative Fear of Various Weapons..... 60

Night attacks Versus Day Attacks..... 61

Attitudes Toward Specific Cities as Targets..... 62

Effects of Air Attack on Civilian Travel... 63

Attitudes Toward Air Power Outside the Defense Perimeter..... 64

Attitudes in North Korea..... 64

Attitudes of the Communists and the Apathetic Masses..... 68

Conclusions..... 70

CHAPTER

V

REACTION OF AMERICAN GROUND FORCES TO AIR ACTIVITY..... 72

The Role of Aircraft in Critical Situations..... 73

Types of Aerial Assistance..... 74

Advantages and Deficiencies of Aircraft in Close Support..... 75

SECRET

13

CHAPTER V "cont'd"	<u>Friendly Planes Overhead Raise Morale.....</u>	70
	<u>Fear of Attack by Friendly Planes.....</u>	75
	<u>Close Support Versus Strategic Attack.....</u>	81
	<u>Attitudes Toward Aircraft Types and Armament.....</u>	82
	<u>Conclusions.....</u>	84
CHAPTER VI	<u>EFFECT OF AIR SUPPORT ON ROC GROUND TROOPS.....</u>	88
	<u>ROC Units Received Less Air Support.....</u>	88
	<u>Fear of Mistaken Attacks.....</u>	88
	<u>Air Support Nevertheless Gives Assurance..</u>	90
	<u>Concern with Communications and Night Support.....</u>	90
	<u>Conclusions.....</u>	91
CHAPTER VII	<u>THE ROLE OF THE AIR FORCE IN PSYCHOLOGICAL WARFARE.....</u>	93
	<u>The Air Force as a Delivery Agent.....</u>	93
	<u>Shortcomings of the Delivery Program.....</u>	94
	<u>The Voice of the United Nations.....</u>	94
	<u>References to Air Power in Propaganda Content.....</u>	100
	<u>Warning Leaflets.....</u>	102
	<u>The Air Force as a Source of Ideas and Personnel.....</u>	104
	<u>Spontaneous Psychological Warfare at Lower Echelons.....</u>	106
	<u>Conclusions.....</u>	110
CHAPTER VIII	<u>WORLD-WIDE POLITICAL SIGNIFICANCE OF THE AIR WAR IN KOREA.....</u>	112
	<u>Communist Propaganda in Germany.....</u>	112
	<u>Absence of a Democratic Reply.....</u>	114

SECRET

14

CHAPTER VIII	Ground Aspects of the Air War Engaged...	117
	Reasons for the Propaganda Failure.....	119
CHAPTER IX	CONCLUSIONS.....	121

VOLUME VI

LOGISTICS

CHAPTER I	<u>SUPPLY</u>	1
	<u>Aircraft Spares and Equipment Supply</u>	7
	<u>Electronics and Communications Supply</u>	11
	<u>Petroleum, Oil and Lubricants Supply</u>	11
	<u>Procurement from Japanese Industry</u>	12
CHAPTER II	<u>MAINTENANCE</u>	15
	<u>Aircraft and Equipment Maintenance</u>	16
CHAPTER III	<u>AIR INSTALLATIONS</u>	17
	<u>Construction Personnel and Equipment</u>	19
CHAPTER IV	<u>TRANSPORTATION</u>	21
Section 1	<u>CARGO AND PASSENGER AIRLIFT</u>	23
	<u>Military Air Transport Service</u>	24
	<u>FEAF Combat Cargo Command</u>	26
	<u>Fleet Logistics Wing</u>	27
Section 2	<u>AIR EVACUATION</u>	27
	<u>FEAF Combat Cargo Command</u>	28
	<u>Military Air Transport Service</u>	30
Section 3	<u>RELATIONSHIP BETWEEN AIRBORNE INVASION AND AIRLIFT</u>	31

SECRET

CHAPTER

V

ARMAMENT

34

Section

1

<u>NUXITION EFFECTIVENESS</u>	36
<u>General Purpose Bombs</u>	37
<u>Fragmentation Bombs</u>	37
<u>Incendiaries</u>	38
<u>Razon Bombs</u>	39
<u>Tarson Bombs</u>	40
<u>Leaflet Bombs</u>	40
<u>Fuses</u>	41
<u>Bombights</u>	42
<u>Amunition</u>	42
<u>Rockets</u>	42
<u>Pyrotechnics</u>	44
<u>Bomb Handling</u>	45
<u>Guns</u>	45

Section

2

<u>FACTORS INFLUENCING THE EFFECTIVENESS OF AIR FORCE ORDNANCE</u>	46
<u>Personnel</u>	46
<u>Supply and Maintenance</u>	48
<u>Transportation</u>	49
<u>Technical Information</u>	50
<u>Satisfactory Reports</u>	51
<u>Storage</u>	52
<u>Conclusions and Recommendations</u>	52

VOLUME VII

CERTAIN ASPECTS OF PERSONNEL

<u>REMARKS</u>	1
<u>PERSONNEL POLICIES</u>	1

SECRET

16

ROTATION SCHEDULE.....	2
ANALYSIS AND INFORMATION.....	3
PERSONNEL SERVICES.....	3
CONCLUSIONS AND RECOMMENDATIONS.....	3

APPENDICES

COMMAND AND ORGANIZATION

APPENDIX 1	Documentation
APPENDIX 2	
BOOK I	Operations Narrative
BOOK II	Documentation to Operations Narrative
APPENDIX 3	Charts, Maps and Statistical Tabulations

THE AIR-GROUND TEAM

APPENDIX 1	The Combat Operations Center, Far East Air Force
APPENDIX 2	Joint Training, Fiscal Year 1950
APPENDIX 3	The Joint Operations Center, Fifth Air Force
APPENDIX 4	Difficulties of Direction of Flights in the Combat Area
APPENDIX 5	The Installation of HF and VHF Radio in Tanks for Use as FACP's
APPENDIX 6	Documentation

OPERATIONS AND TACTICS

APPENDIX 1	Interdiction: F-51 and F-80, F-84 Documentation
APPENDIX 2	Documentation: F-86, B-26, B-29
APPENDIX 3	Documentation: Cargo Aircraft, Search and Rescue
APPENDIX 4	The Far East Air Forces Reconnaissance Operations
APPENDIX 5	Weather Aspects of the Korean Campaign

SECRET

17

SECRET

APPENDICES (Cont'd)

TARGET SELECTION AND INTELLIGENCE

- APPENDIX A** List of Targets
- APPENDIX B** The GMR Target Group
- APPENDIX C** Analysis of GMR Target Selections
- APPENDIX D** Appraisal of AMS L: 250,000 Map, Sheet J-52-C
- APPENDIX E** FRAP Target Selection Study
- APPENDIX F** A Series of Reports on Intelligence Proceeding and During Korean Military Operations
- APPENDIX G** Joint Chiefs of Staff North Korean Targets

LOGISTICS

- APPENDIX 1** Documentation to Supply, Maintenance and Transportation
- APPENDIX 2** Documentation to Armament
- APPENDIX 3** Documentation to Armament

**GENERAL
APPENDIX**

Transcripts of USAF Evaluation Group Recorded Interviews

- BOOK I** General Officers
- BOOK II** The Air-Ground Team
- BOOK III** Operations, Airlift and Logistics

SECRET